



December 1, 1976

ODF # 2471/76

IMMEDIATE ATTENTIONORDERS MUST BE PLACED BEFORE JANUARY 10, 1977

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## MEMORANDUM FOR FIPS Points of Contact

From: *for* Harry S. White, Jr. *Hazel E. McEwen*  
Associate Director for ADP StandardsSubject: Prepublication Announcement for DATA ENCRYPTION STANDARD,  
FIPS PUB 46

On November 23rd, the Secretary of Commerce approved the Data Encryption Standard as FIPS 46. This standard is for use by Federal departments and agencies for the cryptographic protection of computer data and specifies an encryption algorithm to be implemented in an electronic device for use in Federal ADP systems and networks. The algorithm uniquely defines the mathematical steps required to transform computer data into a cryptographic cipher and also specifies the steps required to transform the cipher back to its original form. This standard applies to all Federal ADP systems and associated telecommunications networks under development as well as to installed systems when it is determined that cryptographic protection is required.

This publication has already been sent to GPO for printing. It is our intent that it become available for distribution on or about February 15, 1977. Because this early publication date allows for only a very short prepublication ordering period, we urge you to take immediate action to determine the copy requirements for your agency and see that your prepublication orders are placed in accordance with the instructions provided below.

In order for your agency to take advantage of the "rider requisition" price and receive your copies at a reduced cost and directly from GPO as soon as they are printed, your printing and binding requisition (GPO Standard Form No. 1) should be processed immediately and must be received by GPO by no later than January 10, 1977.

The title, SD Catalog Number, approximate cost, and Commerce Requisition Number should be listed as follows:

FIPS PUB 46 (C13.52:46), DATA ENCRYPTION STANDARD, Approx. Cost \$.40  
a copy, Commerce Requisition Number 420.

After the initial printing and distribution of this FIPS PUB, all subsequent orders must be placed with the National Technical Information Service, Springfield, Virginia 22161. For additional information regarding this publication, contact Mrs. Hazel McEwen of the NBS Office of ADP Standards Management, Institute for Computer Sciences and Technology, (Telephone - 301/921-3157).





December 1, 1976

IMMEDIATE ATTENTION

ORDERS MUST BE PLACED BEFORE JANUARY 15, 1977

MEMORANDUM FOR FIPS Points of Contact

From: *for* Harry S. White, Jr. *Hazel E. McEwen*  
Associate Director for ADP Standards

Subject: Prepublication Announcement for FIPS PUB 47, COBOL Pocket Guide

FIPSCAC recently approved the recommendation of FIPS Task Group 9 that FIPS PUB 47, Federal Standard COBOL Pocket Guide be published as a companion to FIPS PUB 21 (COBOL) to be used as a condensed programmer's reference guide of the standard language. This publication which is pocket size, contains a composite language skeleton of Federal Standard COBOL and is intended to display complete and syntactically correct formats for the High Level of the standard. In addition, the document contains other selected prompts for the COBOL programmer to assist in expediting the programming task. Although not a part of Federal Standard COBOL, the Report Writer facility has been included for those having access to the American National Standard COBOL Report Writer facility.

This COBOL pocket guide, now being printed by GPO, is expected to be available around the middle of February. In order for your organization to take advantage of the "rider requisition" price and receive your copies at a reduced cost and directly from GPO as soon as they are printed, your printing and binding requisition (GPO Standard Form No. 1) should be processed immediately and must be received by GPO by no later than January 15, 1977.

The title, SD Catalog Number, approximate cost, and Commerce Requisition Number should be listed as follows:

FIPS PUB 47 (C13.52:47), Federal Standard COBOL Pocket Guide,  
Approx. Cost \$.40 a copy, Commerce Requisition No. 415.

After the initial printing and distribution of this FIPS PUB, all subsequent orders must be placed with the National Technical Information Service, Springfield, Virginia 22161 which assumed the sales support for all FIPS publications as of August 1, 1976. For additional information regarding this publication, you may contact Mrs. Hazel McEwen of the NBS Office of ADP Standards Management, Institute for Computer Sciences and Technology (Telephone -- 301/921-3157).



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Approved For Release 2002/05/17 : CIA-RDP83T00573R000600200009-8

Next 1 Page(s) In Document Exempt

Approved For Release 2002/05/17 : CIA-RDP83T00573R000600200009-8